AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) $\frac{A}{A}$ linear block polymer according to Formula (1)

R1 is derived from a diamine;

R2 is derived from an aromatic diisocyanate;

R3 is derived from an esterdiol;

R4 is derived from dibutyl amine or ethanolamine;

said linear block polymer is made from a prepolymer produced by a method consisting essentially of adding esterdiol at a sufficiently slow rate to said aromatic diisocyanate at a temperature of 50°C to 60°C so that 0 < y < 4 and z > 8 [[,]] ; and wherein the monomers from which R2 and R3 are derived from

said esterdiol and said aromatic diisocyanate are added in such amounts that the molar ratio between R2 and R3 is larger than 2:1.

2. (currently amended) Linear The linear block polymer according to claim 1, wherein R1 is derived from ethylene

diamine, 1,3-diamino propane, 1,2-diamino propane, 1,4-diamino butane, 1,5-diamino pentane, or 1,6-diamino hexane.

- 3. (currently amended) Linear The linear block polymer according to claim 1, wherein R3 is derived from polycaprolactone diol, polydiethylene glycol adipate or poly(pentane diolpimelate).
- 4. (currently amended) Linear The linear block polymer according to claim 1, wherein R2 is derived from 4,4'diphenyl methane diisocyanate, naphthalene diisocyanate, or toluene diisocyanate.
- 5. (currently amended) Fibre A fibre manufactured from a linear block polymer according to claim 1.
- 6. (currently amended) Fibre The fibre according to claim 5, which wherein said fibre exhibits a toughness of at least 0.1 N/Tex.
- 7. (currently amended) Fibre The fibre according to claim 6, which wherein said fibre exhibits a toughness above 0.2 N/Tex.

- 8. (currently amended) Fibre The fibre according to claim 5, wherein said which fibre exhibits an elongation at break that is below 100 %.
- 9. (currently amended) Fibre The fibre according to claim 5, wherein said which fibre exhibits an elongation at break that is 43% or below.
- 10. (currently amended) Film A film manufactured from a linear block polymer according to claim 1.
- 11. (currently amended) $\frac{A}{A}$ porous polymeric material manufactured from a linear block polymer according to claim 1.
- 12. (currently amended) Implant An implant for the implantation into the human or animal body, which implant comprises comprising a linear block polymer according to claim 1.
- 13. (currently amended) <u>Linear The linear</u> block polymer according to claim 2, wherein R3 is derived from polycaprolactone diol, polydiethylene glycol adipate or poly(pentane diolpimelate).

- 14. (currently amended) Linear The linear block polymer according to claim 2, wherein R2 is derived from 4,4'diphenyl methane diisocyanate, naphthalene diisocyanate, or toluene diisocyanate.
- 15. (currently amended) <u>Linear The linear</u> block polymer according to claim 3, wherein R2 is derived from 4,4'diphenyl methane diisocyanate, naphthalene diisocyanate, or toluene diisocyanate.
- 16. (currently amended) Fibre A fibre manufactured from a linear block polymer according to claim 2.
- 17. (currently amended) Fibre A fibre manufactured from a linear block polymer according to claim 3.
- 18. (currently amended) Fibre A fibre manufactured from a linear block polymer according to claim 4.
- 19. (currently amended) Fibre The fibre according to claim 6 which wherein said fibre exhibits an elongation at break that is below 100 %.

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20. (currently amended) Fibre The fibre according to claim 7 which wherein said fibre exhibits an elongation at break that is below 100 %.